

Application No.: 10/773,529  
Docket No.: BB1240USCNT

Page 2

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-31. (cancelled)
32. (currently amended) An isolated polynucleotide comprising:
  - (a) a nucleotide sequence encoding a polypeptide comprising a farnesyltransferase beta subunit, wherein the polypeptide has an amino acid sequence of at least 95% ~~80%~~ sequence identity, based on the Clustal method of alignment with pairwise alignment default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to SEQ ID NO:12, or
  - (b) the complement of the nucleotide sequence of (a).
33. (cancelled)
34. (cancelled)
35. (previously presented) The polynucleotide of Claim 32, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:12.
36. (previously presented) The polynucleotide of Claim 32 wherein the nucleotide sequence comprises SEQ ID NO:11.
37. (previously presented) A vector comprising the polynucleotide of Claim 32.
38. (currently amended) A recombinant DNA construct comprising the isolated polynucleotide of Claim 32 operably linked to at least one regulatory sequence.
39. (previously presented) A method for transforming a cell, comprising transforming a cell with the recombinant DNA construct of Claim 38.
40. (currently amended) A cell comprising the recombinant DNA construct of Claim 38, wherein the cell is selected from the group consisting of a bacterial cell, a yeast cell and a plant cell.
41. (previously presented) A method for producing a transgenic plant comprising transforming a plant cell with the recombinant DNA construct of Claim 38 and regenerating a transgenic plant from the transformed plant cell.
42. (previously presented) A plant comprising the recombinant DNA construct of Claim 38.

Application No.: 10/773,529  
Docket No.: BB1240USCNT

Page 3

43. (previously presented) A seed comprising the recombinant DNA construct of Claim 38.

44. (currently amended) A method for isolating a polypeptide encoded by the recombinant DNA construct of claim 38, wherein the method comprises the following:

- (a) transforming a cell with the recombinant DNA construct of Claim 38;
- (b) growing the transformed cell of step (a) under conditions suitable for expression of the recombinant DNA construct; and
- (c) ~~polynucleotide of claim 32 comprising~~ isolating the polypeptide from the transformed cell of step (b), ~~a cell containing a recombinant DNA construct comprising the polynucleotide operably linked to at least one regulatory sequence, wherein the recombinant DNA construct is expressed in the cell.~~

RECEIVED  
JUN 12 2006  
U.S. PATENT & TRADEMARK OFFICE